# UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 7,038,724 B2

APPLICATION NO.: 09/110018

DATED : May 2, 2006 INVENTOR(S) : Makoto Satoh et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Page 1 of 2

# COLUMN 1:

Line 29, "requiring the" should read --requiring of the--.

### **COLUMN 2:**

Line 42, "output;" should read --output--.

#### COLUMN 3:

Line 29, "a (CD1" should read --a CCD1--.

#### COLUMN 5:

Line 57, "frames." should read --frame.--.

#### COLUMN 6:

Line 13, "facilitate" should read --facilitates--.

#### COLUMN 7:

Line 9, "memory 13C" should read --memory 130--;

Line 10, "such." should read --such--;

Line 53, "106 in" should read -- 106 is in--; and

Line 56, "time" should read --time:--.

### COLUMN 10:

Line 1, "components" should read --component--.

#### COLUMN 11:

Line 62, "second resolution" should read --second-resolution--.

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# COLUMN 12:

Line 4, "first-and" should read --first- and--;

Line 15, "a" should read --an--;

Line 37, "second resolution" should read --second-resolution--; and

Line 52, "first-and" should read --first- and--.

# COLUMN 13:

Line 10, "wits" should read --puts--.

#### COLUMN 14:

Line 6, "second" should read --second- --.

Signed and Sealed this

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Nineteenth Day of December, 2006

JON W. DUDAS
Director of the United States Patent and Trademark Office